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INDEX OF TOPICS

2	AMPLIFIERS
2	ANTENNAS
2	AUDIO
3	COAX
3	FILTERS
3	FM VIDEO
3	HDTV
3	HUMOR
4	NEWS (short items)
5	ATV ACTIVITY & CLUB NEWS
9	ATV REPEATERS
10	DX REPORTS
10	EQUIPMENT
10	FCC/RULES/BANDPLANS/FREQUENCY COORDINATIONS
11	SPACE/BALLOONS AND ROCKETS
12	ORGy NOTES
14	PORTABLE/MOBILE
15	PREAMPS
15	R/C
15	RECEIVERS/DOWN CONVERTERS
15	REPEATERS
16	SSTV
16	TEST EQUIPMENT
17	THEORY AND DISCUSSION
18	TRANSMITTERS
19	VIDEO

INDEX OF ARTICLES

TOPIC	SOURCE	LENGTH	ISSUE
AMPLIFIERS $9			
HENRY 2004 USER REPORT	KB9FO	1	V2 #4
CELLULAR AMP FOR ATV (900 MHZ)	WB4APR	1	V3 #1
25 WATT LINEAR MODULE FOR 400 MHZ	KD0LO	1	V3 #2
20 WATT 23 CM AMP (SEVERNSIDE PRODUCT)	P5	1	V3 #3
75 WATT A/B POWER MODULE	KD0LO	1	V4 #2
BROADBAND YOUR TUBE RF AMPLIFIER	KB9FO	5	V5 #1
2304 MHZ POWER AMP	VE4MA	3	V5 #1
900 MHZ AMP (BRICK)	KD0LO	2	V5 #2
25/100 WATT AMP FOR 440/900	W2EDN	3	V5 #3
TAMING THE SC-1043 BRICK (1200 MHZ)	WA8EOY	1	V6 #1
POWER BLOCK PC BOARD	TEC	1	V6 #1
PUNY WATTS TO BIG WATTS ON 900 MHZ	KB9FO	2	V6 #2
ANTENNAS $15			
OMNI-OMNI ANTENNA	WA7MXN	1	V2 #3
DAYTON 89 ANTENNA GAIN MEASUREMENTS	DARA/CSVHFC	2	V2 #3
POLARITY FLOPPER (H/V)	WD5BJW	1	V2 #4
FRANKLIN COLLINEAR ARRAY FOR 70 CM	W8RVH	2	V2 #4
LITTLE WHEEL FOR ATV	W6OAL	3	V3 #1
28 & 48 ELEMENT LOOP YAGI	G4BVK	2	V3 #1
MINI WHEEL UP-DATE	W6OAL	1	V3 #2
COLLINEAR ANTENNA PARTY (CONSTRUCTION)	KE8II	2	V3 #3
SEVERNSIDE 23 CM ANT (PRODUCT)	P5	1	V3 #3
LOOP YAGI FOR 439.25	KA5NOJ	2	V3 #3
900 MHZ ANTENNAS (COMPARISON & CONSTRUCTION)	WB4APR	3	V3 #3
DISCONE/HELIX/DISH FOR ATV	W6OAL	3	V3 #4
LOG PERIODIC ANTENNA from necessity to product	W6OAL	8	V4 #1
LITTLE WHEEL UPDATE	W6OAL	1	V4 #1
EASY MOUNT MOBILE ATV ANTENNA	AH2AR	1	V4 #4
LOOP YAGI	W3WVV	2	V5 #3
16 ELEMENT LOOP YAGI FOR 439.25	WA8KQQ	2	V5 #4
NEW WHEEL FOR 70 CM ATV	W6OAL	1	V5 #4
CHEAP AND DIRTY WEATHER COVER (for mast mounted equipment)	ANON	1	V6 #1
THE MAG WHEEL ANTENNA	W6OAL	1	V6 #1
HORN ANTENNAS FOR 10 GHZ	G3RFL	3	V6 #1
ANTENNA CARE (20+ YEARS)	KB9FO	1	V6 #2
M2 ANTENNAS (USER REPORT)	KB9FO	2	V6 #4
MOUNTING OF HORIZONTAL OMNI ANTENNAS	W6OAL	2	V6 #3
THE ARRAY, USER REPORT OF M2 ANTENNAS	KB9FO	1	V6 #4
SUPER FRONT TO BACK RATIO	WA6SVT	1	V6 #4
HORIAONTAL OMNI ANTENNA WITH GAIN	ATCO	3	V6 #4
CHEAP ALFORD SLOT OMNI GAIN ANTENNA	NI-SPEC	1	V6 #4
ATCO SLOT ANTENNA	WA8RMC	2	V7 #1
QUICK GROUNDPLANE FOR 144/440 MHZ	LTARC	1	V7 #2
HAM SUES CONDO OVER ANTENNA RESTRICTIONS		1	V7 #2
AUDIO $2			
DIGITAL VOICE ID FROM DAK	WB8ELK	1	V2 #2
FM AUDIO FOR TX-A5-33	K8PYQ	1	V2 #3
SOUND FOR YOUR ATV STUDIO	GOODE	2	V3 #1
4.5 MHz AUDIO FM MODULATOR	N9BRL	1	V5 #4
NICAM DIGITAL STEREO	G8KUW	1	V6 #1
A GREATLY IMPROVED SOUND SYSTEM	W9NTP	6	V6 #4

COAX $3

INEXPENSIVE HELIAX CONNECTORS	WD5BJW	1	V2 #2
TESTING BASE STATION COAX	KINLEY	6	V2 #2
75 OHM HARDLINE COAX MATCHING SECTIONS	W8ZD	1	V2 #4
MICROWAVE OVEN FEED LINE	ATCO	1	V3 #4
9913 COAX SOURCE (FLEX)	W8DMR	1	V3 #4
10 GHZ WAVEGUIDE	P5	1	V6 #2
STUB TUNERS, LINE STRETCHERS AND SLUG TUNERS	MICROLAB	5	V7 #1

FILTERS $9

ATV INTERDIGITAL FILTERS	W1NRE	4	V2 #2
ATV COMBLINE DUPLEXERS AND FILTERS	WA2BTW	6	V2 #2
1/2 WAVE BANDPASS FILTER	WB5JLZ	1	V2 #2
VSB FILTER FOR 1253 MHZ	WA6SVT	1	V2 #3
RPT RX ANT FILTER	K7YZZ	2	V3 #4
SUPER VSB FILTER	WB5KGL	2	V4 #1
SIMPLE 440 QRM FILTER	WB9YAJ	1	V5 #1
CORRECTION	KB9FO	1	V5 #3
ATV L BAND FILTER (1250 MHz)	W6OAL	2	V5 #4

FM VIDEO $7

10 MICROHENRY COIL FOR FM PRE-EMPHASIS	GW3MEO	1	V2 #2
HETRODYNE FM TRANSMITTER PART 1	WB0ZJP	3	V2 #2
UNDERSTANDING FM SIDEBANDS	JOHNSTON	1	V2 #2
A LIMITER FOR FM-TV	DJ7OO	1	V2 #2
PRE-EMPHASIS, DE-EMPHASIS FOR FM VIDEO	ZL1ABS	1	V2 #4
A SIMPLE 24 CM FM TV TRANSMITTER	VK4XRL	1	V5 #1
FM ATV (AM VS FM)	DJ6PI	8	V5 #3
FM'S HOLD ON SPECTRAL REAL ESTATE	HOFFNER	4	V6 #1
SETTING FM VIDEO DEVIATION	WB9OQM	3	V7 #1
CALIBRATE YOUR RECEIVER FOR FM VIDEO	WB9OQM	3	V7 #2

HDTV $3

HDTV, A COMPLETE INTRODUCTION	KB9FO	12	V5 #3
LOW COST HDTV TV SET	ATVQ	1	V5 #4
HDTV UPDATE	WEISS	3	V6 #1
ZENITH/GOLDSTAR HDTV VCR	ZENITH	1	V6 #1
HDTV UPDATE COFDM	KB9FO	1	V7 #2

HUMOR

BLACK HOLE DISPOSAL UNITS	ANNON	1	V2 #1
P4 ON EARPHONE JACK ANECDOTE	KB9FO	1	V2 #2
METRIC CONVERSIONS	ANON	1	V3 #2
NEW TECHNOLOGY, SMD'S	KB9FO	2	V3 #2
DO NOT TWEAK WARNING LABEL	ANON	1	V3 #3
READING BETWEEN THE LINES	TITUS	1	V4 #1
LIGHTER SIDE OF A BALLOON LAUNCH	KB9BSV	1	V5 #1
BRITISH CHANGE TO NTSC	KB9FO	2	V6 #2
SCIOLISTIC APOSTASY TERGIVERSATION VALUTUDINARIAN(seti)	KB9FO	2	V6 #2
THE ADVENTURES OF THE MASKED RADIO OPERATOR	KB9FO	2	V6 #2
YOUR GETTING OLD WHEN	W9NBG	1	V7 #2

NEWS (SHORT ITEMS)

NATIONAL ATV LINKUP VIA SATELLITE	N6GOZ	1	V2 #3
DAYTON 1989	KB9FO	2	V2 #3
PLAN FOR NET OPERATIONS	W3HMS	1	V2 #3
LIFE AFTER DAYTON AND BATC WEEKEND	KB9FO	6	V2 #3
R/C ATV	KA9CAP	1	V3 #1
G8PTH SEEKS TEST PATTERNS	G8PTH	1	V3 #1
BILL WB8ELK STARTS AS EDITOR OF 73 MAGAZINE	ATVQ	1	V3 #2
PACKET ALERT	WB4APR	1	V3 #2
COMMERCIAL HAM TV PROGRAM IDEA	KB9FO	1	V3 #2
PUBLICITY, BATON ROUGE	WB5JLZ	1	V3 #2
OLD TUBES	KB9FO	1	V3 #3
TWO WAY TV (NOVEMBER 1940) [HISTORICAL]	RADIO MAG	1	V3 #3
ATV SAVES LIVES	WV0J	1	V3 #3
READER RESPONSE TO CABLE TV QRM ARTICLE	N0IVN	1	V3 #3
LETTER TO ARRL ABOUT LACK OF ATV ARTICLES	WB4APR	1	V3 #3
READER LETTERS	VARIOUS	5	V3 #3
MORE THAN RADIOS, MAKING OF HAM MOVIE	KB9FO	2	V3 #4
READER LETTERS (CLUB NEWS)	VARIOUS	4	V3 #4
MORE THAN RADIOS (THE MOVIE)	WWATS	1	V4 #1
MBC-TV HAM RADIO NEWS SAT PROGRAM	W0VV	1	V4 #1
HF ATV NET	WB8ELK	1	V4 #1
AEA'S HAM AMBASSADOR AWARD	AEA	1	V4 #1
LISAT MOBILE RELAYS BALLOON VIDEO(DAYTONA, FL)	LISAT	1	V4 #1
ANOTHER HAM TV/SAT PROGRAM	WB2YQT	2	V4 #1
SATELLITE HAM RADIO PROGRAM UPDATE	KB9FO	1	V4 #2
MORE THAN RADIO'S (THE MOVIE) PART ii	KB7FHD	3	V4 #2
PHOTO HISTORY OF ATV MAGAZINES	KB9FO	16	V4 #2
DISABLED DX'ERS	KB7NHZ	1	V4 #3
QSO AMATEUR RADIO SATELLITE SHOW update	ATVQ	1	V4 #3
CUMULATIVE INDEX TO VOL 4 #3	ATVQ	14	V4 #3
WEEKLY ATV NET ON SATELLITE RADIO	WB8ELK	1	V4 #4
THE RADIO CHANNEL (SAT HAM RADIO PROGRAM)	N0MAL	1	V4 #4
NEW AT Q, NEW RF PLANT, KENWOOD SERVICE	KB9FO	1	V5 #1
ORDER OF THE IRON TEST PATTERN	ATVQ	1	V5 #1
LOCAL INFO LOG FORM	ATVQ	1	V5 #1
BILL PASTERNAK COMMENTS ON ATV	WA6ITF	2	V5 #1
READER REPLY TO PASTERNAK	KD0LO	1	V5 #2
MAKING CONTACT (list of voice coordination frequencies)	ATVQ	1	V5 #2
DAYTON 1992	ATVQ	1	V5 #3
RADIO FRIENDS (PROPOSED HAM TV SHOW)	W5YI	2	V5 #3
SPECTRUM ANALYZER	W3WVV	2	V5 #3
NEW HAM VIDEO, from creator of More Than Radios	ATVQ	1	V5 #4
DIRECT TO HOME SATELLITE TV	THOMPSON	1	V5 #4
TEST EQUIPMENT CATALOG	BEL MERIT	1	V5 #4
SILENT KEY GERALD MALSEED W3WVC		1	V5 #4
ARRL NATIONAL CONVENTION	WA6SVT	1	V5 #4
TELCO'S EYE TWISTED PAIR (VIDEO DIAL TONE)	TV TECH	1	V6 #1
RACE CAR ATV	THEIN	1	V6 #1
ANOTHER READER REPLY TO WA6ITF EDITORIAL	WB6ZPN	1	V6 #1
ANOTHER READER REPLY TO PASTERNAK WA6ITF	K6CUK	1	V6 #1
LETTER ABOUT ATV AND BROADCAST NEWS	NS1E	1	V6 #1
LETTER ON T-MARC AND FREQ COORDINATION	N4MWU	1	V6 #1
NEW JERSEY BELL TO OFFER CATV	PRESS RELEASE	2	V6 #1
LAKE COUNTY HAMFEST	AC4KN	1	V6 #2
FOUNDATION FOR AMATEUR RADIO SCHOLARSHIPS	FAR	1	V6 #2
ATV STATION ON A BUDGET	K3HKR	1	V6 #2
DARA HONORS ATV'ER	ATVQ	1	V6 #3
ATV RPT CAN TRANSMIT MUSIC (IN BRITAIN)	CQ-TV	1	V6 #3
1993 SUMMER CES SHOW VIDEO EQUIPMENT	ATVQ	1	V6 #3
KC, MO HAMFEST	ATVQ	1	V6 #3
MARYSVILLE HAMFEST	ATVQ	1	V6 #3
MARION OHIO EQUIPMENT REQUEST		1	V6 #3
DAYTON HAMFEST REVIEW	ATVQ	2	V6 #3
QUEST AWARD PROGRAM	ATVQ	6	V6 #4
LITCHFIELD ATV PARTY ANNOUNCEMENT	K9SM	1	V6 #4
HAM SHOWS, VALLEY FORGE REVIEW	KB9FO	2	V6 #4
MEDFORD MIDDLE SCHOOL MINI HAM COURSE	N9GHZ	1	V6 #4
ANCIENT TV, BOOKS OF NOTE	KB9FO	1	V7 #2
ATV IN VIDEOMAKER MAGAZINE	ATVQ	1	V7 #2
PHD HAMFEST (KC, MO)	PHD	1	V7 #2

ATV ACTIVITY & CLUB NEWS

ALABAMA			
BIRMINGHAM	N4RUC	1	V2 #3
MOBILE	N4UXY	1	V2 #3
MOBILE	N4RUC	2	V3 #4
HUNTSVILLE GROUP	KK4HF	1	V3 #3
HUNTSVILLE, TN VALLEY ATV	CLUB	1	V3 #3
WETUMPKA	WA4MTG	1	V2 #1
MOBILE/PENSACOLA	N4RUC	1	V3 #2
ALASKA			
ANCHORAGE HAMFEST	KL7YF	1	V4 #3
ARIZONA			
PHOENIX	WB8ELK	1	V2 #2
PHOENIX	WB8ELK	1	V2 #3
TUCSON	WB8ELK	1	V2 #2
TUCSON	WB8ELK	1	V2 #3
CALIFORNIA			
ATN	WA6SVT	1	V3 #1
ATN, SANTIAGO	WA6SVT	1	V3 #4
ATN RPT LINKING NEWS	WA6SVT	1	V5 #4
ATV DAY AT A-TECH STORE	KB9FO	1	V2 #1
ATV AT RONALD REAGAN LIBRARY	W6LUY	2	V5 #2
CHICO-PARADISE	W6SYX	1	V3 #1
CHICO	W6SYX	1	V4 #2
LA/SAN DIEGO	WB8ELK	1	V2 #2
HAM TV SIGNERS (SIGN LANGUAGE) LA	WB6ZPN	1	V2 #2
GRIFFITH OBSERVATORY ATV	WB6BAP	1	V2 #4
MONTEREY	WB8ELK	1	V2 #3
MONTEREY	KC3RL	1	V2 #1
MONTEREY PUBLIC SERVICE ATV	KC3RL	3	V6 #2
MT. DIABLO	W6NKF	1	V4 #1
PASADENA ROSE PARADE WORLD COVERAGE	WB6BAP	1	V2 #1
PASADENA ROSE PARADE VIDEO TAPE	WB6BAP	1	V2 #2
COLOR PHOTO ESSAY OF ROSE PARADE	WB8ELK	2	V2 #2
ROSE PARADE SATELLITE LINK	WB8ELK	2	V2 #2
ATV AT ROSE PARADE 1990	KI6VK	1	V4 #1
1991 ROSE PARADE ATV	WA6SVT	1	V4 #2
ROSE PARADE 1992	WA6SVT	5	V5 #2
BLACK MOUNTAIN/SACRAMENTO	N6HOS	1	V2 #2
SAN JOAQUINE VALLEY	K6YDW	1	V3 #1
SAN JOSE/SOUTH BAY	W6JHJ	1	V2 #2
SAN JOSE	WB8ELK	1	V2 #3
SANTA YNEZ (BUELTON)	K3NXF	1	V4 #1
TAHOE CITY	K6YDW	1	V3 #4
10TH ANNIVERSARY PARTY FOR ATN	WA6SVT	1	V6 #3
SOUTH BAY ATV EXPANSION	W6JHJ	1	V7 #1
COLORADO			
DENVER	N0JBK	1	V3 #3
DENVER, WESTERN VISION NETWORK	WVN	2	V3 #3
RESCUE ON UNCOMPAHGRE PEAK	KB0CY	2	V5 #4
RAMPART NETWORK	RHVN	1	V5 #4
HAM RADIO AT THE LIBRARY	WVN	1	V6 #2
ZERO CALL CERTIFICATE	WVN	1	V7 #2
CONNECTICUT			
BETHEL,	KZ1Z	1	V2 #1
NEW HAVEN	N1FHN	1	V2 #2
SOAPSTONE MT.	W1HGJ	1	V4 #1
W1NRE RPT	W1NRE	2	V3 #1

DELAWARE			
DELMARVA	N3CUJ	2	V4 #3
FLORIDA			
DU BARY	K2AGT	1	V3 #1
JACKSONVILLE	N4PTG	1	V2 #3
JACKSONVILLE	WA4VHP	1	V4 #4
ORLANDO	W4DPM	1	V2 #1
ORLANDO	ATVQ	1	V3 #1
PERRY FLORIDA FIRE	WB2NGZ	2	V5 #3
ST. PETERSBURG	WA4GRK	1	V2 #4
LISATS (LAUNCH INFO ATV) CAPE CANAVERAL	LISATS	1	V3 #4
LISAT ATV RPT UPDATE	LISAT	1	V4 #3
LISAT ATV RPT UPDATE	LISAT	1	V5 #1
TAMPA BAY ACTIVITY	N4UYO	1	V5 #1
TAMPA BAY	N4UYO	1	V5 #2
TREASURE COAST	HAMNET	1	V4 #1
TITUSVILLE	K4ZS	1	V2 #1
WAYK TV HOSTS LISATS	LISAT	1	V4 #1
GEORGIA			
SAVANNAH	N4OYT	1	V3 #1
SAVANNAH	KD4ODE	1	V4 #1
SAVANNAH	WA4VHP	1	V4 #3
SAVANNAH HAMFEST	WA4VHP	1	V5 #1
SAVANNAH ACTIVITY	WA4VHP	1	V5 #3
COASTAL ARS RPT	KA4KOE	2	V6 #1
HAWAII			
PAHOA	KH6HME	1	V2 #1
A VISIT TO THE ISLANDS	KB9FO	2	V3 #4
KB9FO VISITS HAWAII	KB9FO	1	V3 #4
IDAHO			
BOISE	WA7MXN	1	V4 #1
ILLINOIS			
CHAMPAIGN-URBANA	WB8ELK	1	V2 #2
CHICAGO ATV RPT	NZ9E	1	V2 #2
HIGH TECH SANTA	K9SM	1	V3 #2
KB9FO 3 BAND MOBILE AND SHACK ANTENNA 1991	KB9FO	1	V4 #4
6TH ANNUAL DINNER (LITCHFIELD)	K9SM	1	V5 #4
6TH ANNUAL DINNER (RESULTS)	K9SM	2	V6 #1
7TH ANNUAL ATV DINNER PARTY, LITCHFIELD	K9SM	1	V7 #2
INDIANA			
EVANSVILLE RPT ANNOUNCEMENT	WB9PLR	1	V5 #1
INDY-GREENSBURG	WB8ELK	1	V2 #2
INDIANAPOLIS HAMFEST	KB9FO	1	V2 #2
INDY 500 FESTIVAL PARADE	W9DUU	1	V2 #3
LA PORTE	WA9GKA	1	V2 #1
CENTRAL INDIANA ATV CLUB NEWSLETTER ITEMS & CONTEST	W9NTP	3	V5 #4
IOWA			
DAVENPORT	WB0BIZ	1	V3 #1
DAVENPORT	N9ZK	1	V3 #2
DES MOINES	WB0OEU	2	V3 #2
DAVENPORT, BRATS T HUNT	N9ZK	1	V3 #3
DAVENPORT, BIX 7 RUN PUBLIC SERVICE	N9ZK	1	V3 #4
KANSAS			
KANSAS CITY	WB8ELK	1	V2 #2
WICHITA	WB8ELK	1	V2 #2
KANSAS CITY BBS	KCATVG	1	V5 #1
KENTUCKY			
LEAVENWORTH ATV GROUP	WA0NKE	1	V4 #3
LEXINGTON	WA8FJK	1	V3 #2
LOUISVILLE	WB8ELK	1	V2 #2

LOUISIANA			
BATON ROUGE	KB9FO	1	V3 #3
NATIONAL HOT AIR BALLOON FEST, BATON ROUGE	WB5JLZ	1	V3 #4
SOUTHERN LOUISIANA UHF TV SOCIETY	WD0GIV/R	1	V6 #1
MAINE			
ON THE ROAD WITH ELK	WB8ELK	1	V3 #3
YARMOUTH HAMFEST, ATV BALLOON AND DEMO			
MASSACHUSETTS			
BOSTON	WB8ELK	1	V2 #4
BOSTON	KB9FO	1	V3 #4
ECAT (MA, CT, VT, NH, ME)	KA1AFE	1	V2 #1
ECAT	ECAT	1	V4 #1
MEL DUNBRACK W1BHD-TV	W1BHD	1	V4 #1
GREENFIELD	KC1RH	1	V4 #1
LEYDEN ATV RPT	KC1RH	1	V5 #4
TV GUIDE ATV COVERAGE 1952	W1BHD-TV	1	V2 #2
SPRINGFIELD		1	
MARYLAND			
BALTIMORE ATV REPEATER	WA3DZZ	2	V4 #3
BRATS 4TH OF JULY PARADE COVERAGE	BRATS	1	V4 #4
BALTIMORE, SUPER CITIES WALKATHON	BRATS	1	V5 #3
BALTIMORE ATV REPORT	BRATS	1	V5 #4
BALTIMORE FIELD DAY	K3TAZ/W3WCQ	1	V5 #4
MICHIGAN			
KENSINGTON CHALLENGE ATV PUBLIC SERVICE EVENT	KD1E	1	V4 #1
MANISTIQUE ACTIVITY	WD8IBT	1	V6 #2
MINNESOTA			
MN ATV NET	WB0YNH	1	V4 #1
MINNEAPOLIS	WB0YNH	1	V2 #1
MINNEAPOLIS	KB0GL	1	V6 #1
OWATONNA	K0GNH	1	V2 #2
SOUTH CENTRAL MN	KA0MIV	1	V2 #2
MISSISSIPPI			
GULF COAST AREA ATV FIRST MEETING	N4RUC	1	V3 #1
MISSOURI			
FENTON ATV RPT	ANWEILER	1	V5 #4
KANSAS CITY	WB8ELK	1	V2 #2
KANSAS CITY	WA0NKE	1	V4 #1
MOST UNUSUAL ATV'ER, KC, MO	CLUB	1	V3 #4
ST LOUIS	KB0WG	1	V2 #1
ST. LOUIS	WB8ELK	1	V2 #2
ST. LOUIS REPEATER UPDATE	KD0LO	1	V4 #4
MONTANA			
BOZEMAN ATV SCHOOL DEMO	KL7JGS	1	V5 #2
GREAT FALLS	K7IUI	1	V5 #2
HELENA (3 ITEMS)	K7IUI	1	V4 #3
EMERGENCY COMMUNICATIONS		1	V6 #1
RACE TO THE SKY DOG SLED RACE ATV	K7IUI	1	V6 #1
NEW HAMPSHIRE			
ATOM CLUB FORMS	ATOM	1	V7 #2
NEW JERSEY			
BAYONNE	KB2EQQ	1	V3 #4
RUMSON	WB2GIT	1	V2 #1
TITUSVILLE	W2JKG	1	V2 #1
TOMS RIVER	N2HYG	1	V3 #2
ATV SCHOOL DEMO	WA2YSW	1	V6 #1

NEW YORK			
ALBANY	WB8ELK	1	V2 #4
ALBANY	WB8ELK	1	V3 #3
BUFFALO	WB8ELK	1	V2 #4
LONG ISLAND	WA2GYX	1	V2 #2
NEWBERG	WB2WLN	1	V2 #4
PETERSBURG	KC2BA	1	V3 #1
STATEN ISLAND/BAYONNE	N2EHN	1	V3 #2
HAMS WITH CLASS (STUDENT CLASSES)	WA2QYX	2	V4 #4
NORTH CAROLINA			
MTN TOP ATV DX EFFORT	K4SAO	1	V2 #4
OREGON			
PORTLAND	WA7DRO	1	V2 #1
PORTLAND	WA7DRO	1	V2 #2
PORTLAND WA7DRO REPEATER	WA7DRO	5	V7 #1
OHIO			
ATCO FOX HUNT	KA8ZNY	1	V2 #1
ATCO PICNIC/TECH FORUM	KB9FO	1	V2 #4
CENTERVILLE	WB8UGV	1	V2 #1
CINCINNATI	WB8ELK	1	V2 #3
DAYTON	WB8ELK	1	V2 #3
DAYTON HAMVENTION REVIEW	WB8ELK	3	V3 #3
DAYTON ACTIVITY	DARA	1	V4 #1
DAYTON ATVQ PARTY 1991	ATVQ	5	V4 #3
FINDLAY	WB8ELK	1	V2 #2
MC DONALD	MC CREARY	1	V3 #1
WM8P ATV REPEATER	ATCO	1	V3 #4
HOSPITAL ATV	W8DMR	1	V4 #1
DAYTON ATV PARTY (ATVQ)	ATVQ	1	V4 #1
DAYTON FORUM SPEAKER LINE UP	W6ORG	1	V4 #2
MARYSVILLE HAMFEST	ATVQ	1	V4 #3
DAYTON PREVIEW	ATVQ	1	V5 #1
ATV SUPPORTS SPACE SIMULATION	W8DMR	1	V5 #3
PENNSYLVANIA			
BETHEL PARK	W3QNI	1	V2 #1
ERIE	WB8ELK	1	V2 #4
WARMINSTER	KA3KIU	1	V2 #1
WILKES-BARRE	KM3E	1	V2 #1
YORK HAMFEST/ATV CONFERENCE	KB9FO	1	V2 #2
YORK HAMFEST	KB9FO	1	V2 #4
YORK ATV CONFERENCE	KB9FO	2	V3 #1
YORK ACTIVITY	W3HMS	1	V3 #1
YORK HAMFEST	W3HMS	1	V4 #3
NEW PA/MD ATV SOCIETY	W3HMS	1	V6 #1
PHILLY/YORK/BALTIMORE	W3HMS	1	V7 #1
SOUTH CAROLINA			
GREENVILLE, ACTIVITY AND DX	ARC	1	V3 #3
HARDEEVILLE	KB4ODE	1	V4 #1
SOUTH DAKOTA			
SIOUX FALLS	WA0PBL	1	V5 #3
SIOUX FALLS ACTIVITY	WA0PBL	1	V6 #1
TENNESSEE			
HENDERSONVILLE	KJ4ZQ	1	V2 #3
MEMPHIS	WB8ELK	1	V2 #3
NASHVILLE	WB8ELK	1	V2 #3
NASHVILLE	KJ4ZQ	1	V4 #1
NASHVILLE	KJ4ZQ	1	V4 #2

TEXAS			
ABILENE	WB8ELK	1	V2 #3
AUSTIN	WA8PLR	1	V3 #2
BRYAN	K5EJL	1	V2 #3
DALLAS, REMOTE IMAGE GROUP	DRIG	1	V2 #3
DALLAS, ELK ON THE ROAD	WB8ELK	1	V2 #3
EL PASO	GROUP	1	V3 #3
EUSTUS	KB5CCA	1	V2 #4
GALVESTON	W5KJK	1	V2 #1
KILGORE	WB8ELK	1	V2 #3
ON THE ROAD WITH ELK	WB8ELK	2	V3 #3
VERMONT			
MILFORD	KA1EUE	1	V4 #1
MT. MANSFIELD	N1QG	1	V4 #1
VT ATV	K1HGY	1	V2 #1
VIRGINIA			
LOVETTSVILLE	WB4FUJ	1	V2 #1
METROVISION/WR4AAG WASH	WA9GVK	1	V2 #1
ROANOKE	N4JED	1	V3 #1
VIENNA	WD4O	1	V2 #1
WASHINGTON			
ATVer ON TV NEWS (KOMO)	W7SRZ	1	V2 #1
WEST. WASH. VIDEO TAPE PROGRAM	W7SRZ	1	V2 #1
VANCOUVER	WWATS	1	V2 #2
YAKIMA	WWATS	1	V2 #2
WWATS	WWATS	1	V2 #4
SEATTLE ATVQ VISIT AEA/WWATS	KB9FO	3	V3 #4
NARA	NARA	1	V4 #1
WISCONSIN			
WEBSTER	N0EDV	1	V3 #2
WAUSAU DREAM FLIGHT (SPACE SIMULATION)	AD9W	9	V6 #1
CANADA			
VANCOUVER, BC	VE7AII	1	V2 #2
PENTICTON, BC	VE7BEE	1	V2 #2
PENTICTON, BC	VE7BEE	1	V3 #1
DX			
AUSTRALIA ATV	JURISINIC	1	V2 #3
ENGLAND: G8PTH WANTS TV TEST SLIDE ID'S	G8PTH	1	V2 #2
BATC CONVENTION 1989	BATC	1	V2 #2
SEVERNSIDE ATV CLUB	G6IQM	1	V3 #1
WORLD ATV DX RECORDS	WB8ELK	1	V3 #1
BATC 90 REPORT	W4PPN	2	V4 #1

ATV REPEATERS

DEERFIELD, NH	WA1HZK	1	V2 #1
ANNAPOLIS, MD	WB4APR	1	V2 #1
AUSTIN, TX "GETTING THE BUGS OUT"	W5VDS	1	V2 #2
MT. WILSON, CA RPT AND NET	K6KMN	1	V2 #2
MT. WILSON ATV RPT	K6KMN	1	V2 #3
CLEAR LAKE, CA RPT	W6LOU	1	V2 #2
EASTERN LONG ISLAND RPT	WA2GYX	1	V2 #2
PORTLAND, OR RPT	WWATS	1	V2 #2
PENTICTON, BC	VE7BEE	2	V2 #2
HONOLULU, HI RPT	AH6IO	1	V2 #2
BATON ROUGE, LA RPT	WB5JLZ	1	V2 #2
SAN JOSE, BLACK MOUNTAIN	W6JHJ	1	V2 #3
DALLAS, REMOTE IMAGE GROUP	DRIG	1	V2 #3
KILGORE, TX	WB8ELK	1	V2 #3
MONTROSE, PA	KM3E	1	V2 #3
DENVER, CO	N0IVN	1	V2 #3
LONDON, ONT	VE3TVL	1	V2 #4

DAVENPORT, IA	BRATS	1	V2 #4
WWATS (SEATTLE)	W7SRZ	1	V2 #4
PETERSBURG, NY	KC2BA	1	V3 #1
PITTSBURGH, PA	W3KWH	1	V3 #1
YOUNGSTOWN/WARREN, OH	N8EWV	1	V3 #1
BATON ROUGE, LA	WB5JLZ	1	V3 #1
ATN (CA)	WA6SVT	2	V3 #2
YORK PA ATV RPT	WA3USG	1	V3 #2
TYLER/KILGORE, TX	K5KFC	1	V3 #2
EUSTUS, TX	W5KPZ	1	V3 #2
NORTH TEXAS	N.T.S.C.	1	V3 #4
ST. LOUIS ATV RPT	KD0LO	1	V4 #1
K6KMN RPT NEWS	K6KMN	1	V4 #1
BALTIMORE ATV REPEATER SYSTEM	WA3DZZ	2	V4 #3
K3NXF REPEATER	K3NXF	3	V4 #3
FULL DUPLEX REPEATER	BRUNNINGA	2	V4 #4
OTTAWA, CANADA RPT	VE3EKA	2	V5 #2
NEW PA ATV RPT PITTSBURG AREA	K3HKR	1	V6 #1
ATCO REPEATER UPDATE	W8DMR	1	V7 #1
CHICAGO ATV REPEATER NEWS	ATVQ	1	V7 #1
HOUSTON HATS ATV RPT	HATS	1	V7 #1
SAVANNAH, GA ATV RPT	KA4KOE	1	V7 #1
TAMPA, FL ATV NET	KD4DLA	1	V7 #1
PORTLAND, OR	WA7DRO	2	V7 #1
ATN, CA	WA6SVT	1	V7 #2
CHICAGO	KB9FO	1	V7 #2
VINE GROVE, KY	LTARC	1	V7 #2
ATCO REPEATER SYSTEM AMAZING RESULTS	ATCO	4	V7 #2

DX REPORTS

OHIO-IOWA	WA8SAJ	1	V2 #1
MD-VA	W3DFS	1	V2 #1
CT-VA	KJ4D	1	V2 #1
TX-FL	W5VDS	1	V2 #1
BAND OPENINGS	VARIOUS	1	V4 #1
OHIO	WB8ELK	1	V4 #1
THANKSGIVING BAND OPENING	W9NTP	1	V4 #1
HAWAII ATV DX BEACON	WB6NOA	2	V4 #3
HAWAII TO CALIFORNIA SYNC BUZZ	W6ORG	1	V5 #4
QUEST AWARD PROGRAM	ATVQ	6	V6 #4
QUEST AWARD MORE INFO	ATVQ	2	V7 #1
QUEST CONTEST DATES	ATVQ	1	V7 #1,2

EQUIPMENT

AEA ATV TRANSCEIVER	N0IVN	1	V2 #2
WINTER CES SHOW (LAS VEGAS) 1989	WB8ELK	2	V2 #2
NEW BROADCAST MUSEUM, IRVING, TX		1	V2 #3
MINIATURE TV CAMERAS	WB8ELK	1	V2 #3
SUMMER CES 1989	WB8ELK	1	V2 #3
NEW ATV EQUIPMENT	KB9FO	1	V3 #2
NEW AEA ATV FS430A	KB9FO	2	V3 #3
YAESU FRG 9600	WA0NKE	1	V3 #3
HEMT TRANSISTORS	ANON	1	V3 #4
AEA PREAMP	GRIFFIN	1	V4 #1
AMPIRE GASFET PREAMP	WESTLINK	1	V4 #1
ULTIMATE WX SAT RX ICS ELECTRONICS	ICSE	1	V4 #1
1691 WX SAT RECEIVER	Spectrum Intl	1	V4 #2
NEW OMNI STICK	RF PARTS	1	V4 #2
HAM STUFF CATALOG	HAM STUFF	1	V4 #3
SUMMER CES VIDEO EQUIPMENT	KB9FO	1	V5 #1
KENWOOD RZ-1 FOR ATV	N0LGN	1	V5 #1
SUMMER CES VIDEO EQUIPMENT	KB9FO	2	V5 #3
REVIEW OF ATV WORLD ATV EQUIPMENT	NT7L	1	V5 #4
TECH REVIEW OF ATV WORLD ATV TRANSCEIVER	WA6SVT	1	V5 #4
PEAK DETECTOR FOR SWR METERS	KF8AT	1	V5 #4

NEW RAMSEY KIT CATALOGUE	RAMSEY	1	V6 #1
KAM PACTOR	KAM	1	V6 #2
HAM LINK	ARE	4	V6 #2
BESTLINK-TD SYSTEMS QUITS	ATVQ	1	V6 #3
FM ATV RECEIVERS	HF TECHNOLOGY	1	V6 #3
ATV'ER ON 6 METERS	QRP	1	V6 #3
AERO TRAC ATV ANTENNA	ATVQ	1	V6 #3
NEW POWER AMPS FROM HI-SPEC	ATVQ	1	V6 #3
PAULDON 50 WATT ATV TRANSCEIVER	ATVQ	1	V6 #3
SURPLUS ELECTRONIC SOURCES	ZERO-BEAT	1	V6 #3
NEW TECH NEWSLETTER	HART	1	V6 #3
AEA GRAPHIC ANTENNA ANALYZER	AEA	1	V6 #3
NEW MICRO CAMERAS	MVP	1	V6 #3
MOST POWERFUL TV TRANSMITTER	ATVQ	1	V6 #3
INCREDIBLE MONEY MACHINE ii	LANCASTER	1	V6 #3
NEW ATV EQUIPMENT	ATV WORLD	1	V6 #3
REVIEW OF PARABOLIC 24 CM EQUIPMENT	WA6SVT	2	V6 #3
AEA QUITS ATV	AEA	1	V6 #4
RADIO SCAN MAGAZINE QUITS	RADIO SCAN	1	V6 #4

FCC/RULES/BANDPLANS/FREQUENCY COORDINATIONS

DOCKET 90-55 (CODELESS TECH)	FCC	3	V3 #2
23 CM FM ATV FREQ COORDINATION	W6ORG	1	V4 #1
NE FREQUENCY COORDINATION	W1NRE	1	V4 #2
FCC REQUIRED NASA LETTER TO RETRANSMIT SHUTTLE	NASA	1	V4 #4
900 MHZ BAND PLAN CHANGE PROPOSAL	BRUNINGA	1	V4 #4
444.05 PACKET VS 434 ATV	So Cal	1	V4 #4
FCC PROPOSES "BUSINESS" RULES 97.113	FCC	1	V5 #1
TMARC BAND PLAN (MULTI BANDS)	TMARC	2	V5 #1
KB9FO COMMENTS ON 97.133 RULES CHANGE	KB9FO	3	V5 #1
GOOD AMATEUR PRACTICE (comments on freq. coordination)	KB9FO/WB0CMC	2	V5 #2
FCC DOCKET 92-136 97.115 (business communications)	FCC	3	V5 #3
COMMENTS ON 440 BAND PLAN /AMSAT	WD0E	2	V5 #3
NEW FCC LICENSE FORM (610)	FCC	1	V5 #3
COMMENTS ON FCC RULES PROPOSAL	W6ORG	1	V5 #4
SPECTRUM PROTECTION ACT	ARRL	1	V5 #4
2 LETTERS ABOUT FREQUENCY COORDINATION		2	V6 #1
FCC NOTICE RM 7869, 73.115 BUSINESS COMMUNICATIONS	FCC	1	V6 #1
ARRL SPECTRUM MANAGEMENT COMMITTEE MEETING	ARRL	1	V6 #2
FREQUENCY COORDINATION	SERA	1	V6 #2
INDIANA REPEATER COUNCIL ATV NEWS	IRC	1	V7 #1
900 MHZ ARRL BANDPLAN	ARRL	1	V7 #2
PORTION OF 2.3 GHZ TO BE LOST, FCC	WESTLINK	2	V7 #2

SPACE/BALLOON $15

HELIUM BALLOON PROJECT (THE FIRST FOUR!)	WB8ELK	4	V2 #1
HESPERIA, CA BALLOON LIVE VIDEO CAMERA	WB8ELK	3	V2 #2
HIGH FLYING ADVENTURE, MULTIPLE ATV BALLOONS	WB8ELK	1	V2 #3
GO FLY A KITE (ATV)	WM8W	1	V2 #3
ATV COVERS SHUTTLE LANDING	ATN	1	V2 #3
MODEL ROCKET ATV	N8IYD	1	V2 #3
NEPTUNE VIDEO TAPE	KB9FO	1	V2 #4
OAK RIDGE TN BALLOON "PARAKEET"	WB8ELK	1	V2 #4
NEIL ARMSTRONG MUSEUM BALLOON (One small step..)	WB8ELK	2	V2 #4
CHAMPAIGN, IL BALLOON FLIGHT	KA9SZX	2	V2 #4
WEBERSAT	WB8ELK	5	V3 #1
MICRO-BALLOON, STYROSAT 1, OCT 28	WB8ELK	2	V3 #1
INDEPENDENCE, MO FEB 3	KD0FW	1	V3 #1
WEBERSAT UPDATE	WB8ELK	1	V3 #2
BALLOON LAUNCH SCHEDULE	WB8ELK	1	V3 #2
KD0FW BALLOON OVER KS	KD0FW	3	V3 #2
TO ACQUIRE A BALLOON (FOX HUNT)	W6OAL	1	V3 #2
RECEIVING SPACE SHUTTLE VIDEO	W6ORG	2	V3 #3
TEACHERS USING SAREX	NARA	2	V3 #3
BALLOON TX RANGE PREDICTION	W6OAL	1	V3 #3
FLORIDA BALLOON EFFORT	DBARA	2	V3 #3

WEBERSAT SOFTWARE	AMSAT	1	V3 #4
CHAMPAIGN, IL BALLOON (DRIFTER 1)	LUTZ	1	V3 #4
WEBERSAT UPDATE	WB8ELK	1	V3 #4
SKY BEACON 2, CHARLOTTE, NC	KB4T	2	V3 #4
SAREX COLUMBIA DEC 2, 1990	KC4CLD	3	V4 #1
SAREX UPDATE	W5DID	1	V4 #1
SAREX WG, ROY NEAL	K6DUE	1	V4 #1
NASA USES K4GCC FOR VIEWING SITE	K4GCC	1	V4 #1
CROSS COUNTRY BALLOON	WB8ELK	1	V4 #1
NORTH CAROLINA LIVE CAMERA BALLOON	WB8ELK	2	V4 #1
STS-37 FSTV TO SPACE SHUTTLE	NASA/ATVQ	5	V4 #2
PROJECT EXCELSUS, ATV ROCKET	WB8ELK	2	V4 #2
BALLOON LAUNCH SCHEDULE	WB8ELK	2	V4 #2
DARA (DAYTON) BALLOON LAUNCH	DARA	1	V4 #2
STS-37 AUTHORIZED STATIONS	ARRL	1	V4 #2
GO FLY A KITE	N8EWV	2	V4 #2
STS-37 SUCCESS STORY	ATVQ	6	V4 #3
KC6A'S STS 37 STATION	W6ORG	2	V4 #3
HUNTSVILLE WA4NZD STS-37 STATION	HUNTSVILLE ARC	3	V4 #3
ROCKOON UPDATE (ROCKER/BALLOON)	KB4N	1	V4 #3
EDGE OF SPACE SCIENCES (DENVER) BALLOONS	WB0TUB	3	V4 #3
DARA BALLOON	AH2AR	1	V4 #3
FRANKLIN HS ATV BALLOON	WB8ELK	3	V4 #3
EARTHWINDS AROUND-WORLD FLIGHT	WB8ELK	1	V4 #4
ROCKOON FLIGHT UPDATE	WB8ELK	1	V4 #4
BLT TO THE EDGE OF SPACE (TEXAS ATV BALLOON)	WA5ZIB	4	V4 #4
US NAVEL ACADEMY ATV BALLOON	ATVQ	1	V4 #4
TIPS FOR SUCCESSFUL ATV BALLOON LAUNCH	AH2AR	1	V4 #4
ARE YOU IN ORBIT?	ATVQ	1	V5 #1
ATV ON AUSSET	ZL1UJK	1	V5 #1
FRANKLIN HS SEND UP ANOTHER ATV BALLOON	WB8ELK	2	V5 #1
BALLOON LAUNCH ON 73 BBS	WB8ELK	1	V5 #2
EARTHWINDS DELAYED	WB8ELK	1	V5 #2
PARAPLANE ATV	K3TAZ	2	V5 #2
DARA BALLOON	AH2AR	3	V5 #2
ECLIPSE BALLOON	WB8ELK	3	V5 #2
HAM RADIO RESCUES SHUTTLE MISSION	ARRL	1	V5 #4
DARA BALLOON	AH2AR	2	V5 #4
LIQUID FUEL ATV ROCKET TO EDGE OF SPACE	KC6CCC	1	V5 #4
LIVE FROM EDGE OF SPACE (ROCKET)	N5AVT	4	V5 #4
SAREX UPDATE	N9AB	1	V5 #4
ULTRALIGHT ATV ACTIVITY	K3TAZ	1	V6 #1
FRANKLIN, IN LAUNCHES ANOTHER ATV SCHOOL BALLOON	WB9IHS	4	V6 #1
DEER HUNTER FINDS DARA ATV BALLOON	AH2AR	1	V6 #1
NAVEL ACADEMY BALLOON	W3ADO	1	V6 #1
ANNOUNCEMENT: NATIONAL BALLOON SYMPOSIUM	W6OAL	1	V6 #2
HIGH ALTITUDE RECOVERY SYSTEM	AH2AR	2	V6 #2
EDGE OF SPACE BALLOON SYMPOSIUM	W6OAL	3	V6 #3
ASHALND, KY ATV BALLOON	WA4GSS	3	V6 #3

ORGy NOTES $19

A REGULAR COLUMN OF TECHNICAL KNOW-HOW, EQUIPMENT REVIEWS, TECH TOPICS AND SAGE ADVICE FROM THE WORLD'S FOREMOST EXPERT ON ATV, TOM W6ORG. GROUPED BY TOPICS IN EACH ISSUE.

D1010 ATV VERSION MODIFICATIONS SETTING BLANKING (PEDESTAL) WITH AMP SYNC BUZZ IN AUDIO LOW AUDIO ON DX AMPLIFIER INTERMOD GENERATION VSB AND POWER OUTPUT INTERFERENCE TO/FROM ATV	)	7	V2 #1
HOW FAR DOES ATV GO? IF ONE PREAMP IS GOOD, HOW ABOUT 2? ENOUGH GAIN?	)	10	V2 #2

INTERFERENCE, STRONG SIGNALS)		
BEST ANTENNA AND HORIZONTAL OR VERTICAL?)		
SOUND OR VIDEO ONLY RX)		
QRM FROM 2 METER RIG)		
DUPLEX OPERATION ANTENNA SEPARATION)		
FULL DUPLEX AUDIO)		
100 WATT AMPS FOR ATV)		
AMPLIFIER HEADROOM FOR AUDIO)		
INTERMOD IN VIDEO AMPS)		
SEPARATE SOUND TRANSMISSION)		
FREQUENCY COORDINATION)		
REPEATER ANTENNAS)		
COLOR LOSS)		
BASIC PROGRAM FOR PATH LOSS CALCULATION)		
BEST ANTENNAS)	6	V2 #3
HORIZONTAL OMNI'S)		
ATV SOUND PEAKER)		
AEA'S NEW ATV RIG)		
220 MHZ EFFECTS)		
FREQUENCY UTILIZATION (421-439.25))		
FIELD DAY ATV)		
VESTIGIAL SIDE BAND)		
BETTER SOUND ON DX)		
GETTING RID OF SYNC BUZZ)		
ATV IN R/C MODELS)		
35 WATT DOWNEAST POWER MODULE)		
VIDEO ID TIMER/RELAY)		
RF CONCEPTS 100 WATT 450 MHZ AMP)	9	V2 #4
ATV SOUND PEAKER)		
VOYAGER NEPTUNE FREE VHS TAPE)		
RGB TO COMPOSITE CONVERTER)		
ATV SPECTRUM, BAREFOOT AND WITH AMP)		
WITH D-26, VSB FILTERS,)		
EXTENDED-EXPANDED COLLINEAR ANTENNA)		
MINI CCD CAMERA)		
ATV REPEATER CONSIDERATIONS (PART 1))		
DOWNEAST MICROWAVE MAST MOUNTED PREAMP)		
COUPLING DC TO COAX)		
HIGH POWER AMPS)		
CHANNEL 13 TVI?)		
10 GHZ)		
COMET WATTMETER/VSWR METER)		
CM VS MHZ)		
MT. BALDY 10,000 FT ATV DX)		
ROSE PARADE VIDEO)		
180 WATT TE SYSTEMS AMP)	6	V3 #1
HAMS IN SPACE ATV)		
HAZ-MAT AND ATV)		
ATV REPEATERS PART II)		
DOWNEAST MICROWAVE 70 WATT 23 CM AMP)		
UNIDEN CCD B&W CHEAP CAMERA)		
AEA'S NEW ATV TRANSCEIVER AND 50 W AMP)		
PART 15 RULES FOR AVM (900 MHZ))		
SCRRBA 33 CM BAND PLAN)		
RETRANSMIT SHUTTLE VIDEO)	7	V3 #2
STS 37 DATE CHANGE)		

SAREX, SSTV IN SPACE)			
ROBOT RESEARCH)			
TE SYSTEMS 180 WATT AMP)			
PAULDON 18 WATT 23 CM AMP)			
VSB TO DSB MOD FOR PC TX)			
PUTTING ON AN ATV REPEATER PART III)			
SOUTH FLORIDA ACTIVITY)			
DAYTON FORUM TOPICS)			
TE SYSTEMS 180 WATT AMP)		5	V3 #3
CHOKE R/C RX)			
DIAMOND SX1000 POWER METER)			
VSB FILTER)			
THINKING ABOUT ATV RPT PART IV)			
TWO ANT VS DUPLEXER)			
AVM FORCES 33 CM BAND PLAN CHANGE)			
439.25, BEING LOST TO FM?)			
900 MHZ PART 15 EQUIPMENT (RABBITS))		7	V3 #4
"INNER VIEW" TX/RX (900 MHZ))			
INTERNATIONAL CRYSTAL VSB FILTER)			
VSB NOTES)			
PAULDON RELATIVE POWER METER AND VIDEO SAMPLER)			
VERTICAL ANTENNA SHOOT OUT RESULTS)			
434 OR 439 LSB?)		2	V5 #1
CUT ID AND COMPUTER VIDEO NOISE)			
VARIABLE SENSITIVITY FOR VOR)			
VRC 45 DYNAMIC RANGE IMPROVEMENT)			
VIDEO LOW PASS FILTER)			
MODS TO DOWN CONVERTERS FOR LOWER SIDE)			
ALL SEMICONDUCTORS CAN BE RF DETECTORS)		1	V5 #3
TC70-10 DSB)			
70 CM FILTER KIT)			
TO DEVIATE OR NOT TO DEVIATE: FM VIDEO PT 1)		1	V6 #2
TO DEVIATE OR NOT TO DEVIATE PART 2)		2	V6 #3
TO DEVIATE OR NOT TO DEVIATE PART 3)		2	V6 #4
TX1300 TRANSMITTER, FM VIDEO)		1	V7 #1
DAYTON, ATV FORUM, 2.3 GHZ)		1	V7 #2

PORTABLE/MOBILE $4

TAKE TO THE ROAD, MOBILE ATV & ANTENNA	WB8ELK	1	V2 #1
ATVQ MOBILE ATV ADVENTURES: IL TO FL	KB9FO	1	V2 #2
ELECTRONIC COMPASS	WB8ELK	1	V2 #2
MOBILE OPERATION (EQUIPMENT EXPERIENCE)	KB9FO	1	V2 #4
MOBILE OPERATION ROTOR	WB9KKC	2	V3 #1
BUILDING 10 WATT BACKPACK PORTABLE	K6YDW	3	V3 #3
HAMCAM VAN STORY	W8BJN	1	V3 #4
JAMBOREE ON THE AIR (BOY SCOUTS)	K3TAZ	2	V4 #1
LOOKIE-TALKIE	KS8J	2	V4 #1
ATV HT	WA6SVT	1	V4 #4
EASY MOUNT MOBILE ATV ANTENNA	AH2AR	1	V4 #4
ATV COPTER CRASH	W6ORG	2	V5 #4

PREAMPS $2

WHY TOWER TOP AMPS IMPROVE RECEPTION	MANN	5	V2 #3
SEVERN SIDE 1.3 GHZ PREAMP	SATVG	1	V2 #3

R/C $2

ATV FLIGHT SIMULATOR	K5MWN	1	V2 #4
R/C HELICOPTER	KC6CCC	1	V3 #2
R/C VIDEO AIRPLANE	MITSCHKE	3	V3 #3
R/C FLIGHT SIMULATOR FLYING BOX	K5MWN	4	V3 #3
R/C OPERATIONS	KC6CCC	1	V3 #3
UNMANNED AERIAL VEHICLE	KA9CAP	3	V6 #1
CARL BERRY FLIES FANTRAINER	K6WMN	1	V7 #2

RECEIVERS/DOWN CONVERTERS $12

GENERAL

IMPROVING RECEIVE PERFORMANCE	WA3USG	1	V3 #1
TWO SIGNAL ENHANCEMENT EFFECT	W8DMR	1	V3 #2
CHEAP TV RECEIVERS FOR ATV	WB4APR	1	V3 #2
ATV RECEIVE ALARM	AH2AR/8	1	V3 #3
ATV RECEPTION IMPROVEMENTS	WA6SVT	2	V4 #2
CABLE TV CHANNELS TO ATV FREQUENCY GUIDE	K4GCC	1	V4 #3
MODIFIED KENWOOD TM 741 FOR THREE BAND ATV	N6TWB	1	V6 #3
AN FM-TV RECEIVER	G3YQC	4	V6 #3
THOSE LITTLE DB'S	KB9FO	1	V6 #4

440 MHZ

TENKAI TV SET CONVERSION FOR ATV RX	WB8ELK	1	V2 #1

900 MHZ

CHEAP 900 RX/TX (RABBITS)	ATVQ	1	V4 #2
BUILD A 900/1200 DOWNCONVERTER	KS8J	4	V5 #4
VARIABLE TUNED 922 MHZ RX CONVERTER	ZL2TAR	2	V6 #2

1.2 GHZ

1.3 GHZ CONVERTER (TO UHF TV CHANNEL)	BATC	8	V1 #2
24 CM GaSFET CONVERTER	DD9DUK	3	V2 #1
1280 FM ATV RX	ZL1ABS	3	V3 #1
1.27 GHZ FM RECEIVER	W8DMR	3	V3 #2
24 CM PREAMP (SEVERNSIDE PRODUCT)	P5	1	V3 #3
BUILD 900/1200 DOWNCONVERTER	KS8J	4	V5 #4

2.3 GHZ

13 CM DOWNCOVERTER	W8DMR	3	V2 #3
CONVERSION OF MDS RECEIVER FOR 13 CM ATV	WA6SVT	1	V2 #3
PHILLIPS TECH 2.3 GHZ RECEIVER	PTE	1	V4 #1

10 GHZ

10 GHz FM ATV SYSTEM	KB0XC	3	V4 #2
10 GHZ FOR ATV	G8KUW	2	V6 #1
10 GHZ STRIPLINES AND MICROSTRIP	G8KUW	1	V7 #2

OTHER

FREE SPACE PATH SIGNAL RECEPTION DISTANCE (CHART V-UHF)	EIA	1	V2 #1
FOX HUNT DIRECTION FINDER	W9DUU	2	V2 #2

REPEATERS $15

VIDEO OPERATED RELAY	PCE	1	V1 #2
DAYTONA ATV FREQUENCY COORDINATOR	DBARA	1	V2 #1
CALCULATE ERP (COMPUTER PROGRAM)	W8DMR	1	V2 #1
ELKTRONICS VIDEO ID GENERATOR	WB8ELK	4	V2 #2
VIC 20/C-64 ATV REPEATER CONTROLLER	W1NRE	4	V2 #2
VIDEO ID TIMER	WB8ELK	1	V2 #2
VIDEO REPEATER LINK SYSTEM	WB4APR	2	V2 #2
ATV REPEATER CONTROLLER	KS8J	7	V2 #2
REPEATER DESENCE AND CURE	W5KPZ	3	V2 #3
VIDEO AGC FOR REPEATER	W4PPN	2	V3 #1

UK REPEATER CONTROLLER	G8CJS	7	V3 #1
VIDEO ID TIMER USING ELKTRONICS ID'ER	KB9FO	1	V3 #1
GB3ZZ ADVANCED RPT CONTROL SYSTEM	GW6BWX/9	3	V3 #2
REPEATING VIDEO, LAYMANS APPROACH	W5KPZ	2	V3 #2
RABBIT DOUBLE PLAY	W1NRE	4	V3 #2
C-64 I/O PORT EXPANSION	W1NRE	2	V3 #3
8 CHANNEL A/V SWITCHER	W1NRE	7	V3 #3
SCARA ATV REPEATER SYSTEM	W1NRE	3	V3 #3
DTMF DECODER USING C-64	W1NRE	2	V3 #3
EL-CHEAPO C-64 A/D CONVERTER	W1NRE	2	V3 #3
16 CHANNEL C-64 A/D CONVERTER	W1NRE	2	V3 #3
DTMF CONTROLLED VIDEO SWITCH	KD0LO	2	V3 #3
WESTERN WASH. ATV RPT	K7YZZ	3	V3 #4
REPEATER TIME OUT TIMER	WD5BJW	1	V3 #4
CROSS BAND ATV REPEATER KA4GAQ, MIAMI	KA4GAQ	2	V4 #1
SIMPLIFIED TOUCH TONE CONTROL	WA0NKE	2	V4 #1
PORTA LOOKIE (PORTABLE REPEATER FOR ATV)	WD5BJW	1	V4 #4
VIDEO/AUDIO NOISE REDUCTION FILTER	WB0CMC	1	V5 #3
MICRO COMPUTER CONCEPTS VS100 controller and video switch	AH2AR	2	V6 #1
ATV CONTROLLER WITH NO MICROPROCESSOR	AA5BY	1	V7 #2

SSTV $3

COMMODORE AMIGA FOR SSTV/FSTV	KD0LO	2	V2 #2
FRAME GRABBER DIGITIZER FOR IBM	N4ABY	1	V2 #3
SSTV AND AEA AVT	KD0LO	3	V3 #1
CHEAP ATARI ST SSTV	WB2OSZ	1	V3 #1
SSTV SOFTWARE	KC4CIQ	1	V4 #3
SSTV TODAY	WB2OSZ	6	V5 #3
LETTER TO EDITOR ON SSTV/TOASTER/AMIGA	K3HKR	1	V6 #1
ROBOT QUITS HAM SSTV MARKET	ROBOT	1	V6 #2
SSTV SOFTWARE	HARLAN	1	V6 #3
SSTV SOFTWARE	PASOKON	1	V6 #3
SSTV SOFTWARE	KB9MC	4	V6 #3
SSTV VIA OSCAR SATELLITE	VE6ZL	1	V7 #1
PASOKON SSTV	AVS	1	V7 #1
RADIOWARE FOR SASOKON	RADIOWARE	1	V7 #2

TEST EQUIPMENT $9

POOR MAN'S SPECTRUM ANALYZER	WA2PZO	6	V2 #2
CHART, VSWR, OHMS, VIDEO TIME, DB CONVERSION	GENERIC	2	V2 #4
POOR MAN'S SPECTRUM ANALYZER	WA2PZO	6	V3 #2
SOLID STATE CONVERSION OF TEK 529 WAVEFORM SCOPE	BE MAG	2	V3 #2
MARKER/SIGNAL GENERATOR FOR SPECTRUM ANALYZER	WA2PZO	2	V3 #3
SWITCHED FILTER KIT FOR SPECTRUM ANALYZER	WA2PZO	2	V3 #3
COLOR BAR/GREY SCALE GENERATOR	ZL1UJK	2	V3 #3
VIDEO LINE SAMPLER	K7YZZ	2	V3 #4
NTSC COLOR BAR GENERATOR YOU CAN BUILD (GOOD ENOUGH TO BE REPUBLISHED IN RADIO ELECTRONICS!)	WB6P	7	V3 #4
SUPER SIGNAL SNIFFER	K7YZZ	1	V4 #2
UHF SWR BRIDGE	K7YZZ	2	V4 #2
EMITTER FOLLOWER	W3WVV	1	V5 #3
LINE SAMPLER	W3WVV	1	V5 #3
MAST MOUNT PREAMPLIFIERS AND FILTERS	WA8PLR	1	V4 #4
SCOPE GRATICULES FOR VIDEO (COPY TO TRANSPARENCY)	KB9FO	1	V4 #4
NTSC SYNC SEPARATOR FOR SCOPE TRIGGER	N3EZD	3	V5 #4
SIMPLE 10 GHZ FREQUENCY MEASURING DEVICE	G3RFL	1	V6 #1
BUILDING A SPECTRUM ANALYZER	W3WVV	2	V6 #2

THEORY AND DISCUSSION $19

BACK TO BASICS, OHMS LAW	KB9FO	1	V2 #1
BACK TO BASICS, VIDEO SIDEBANDS	KB9FO	1	V2 #2
THAT NEW VIDEO CAMERA (PRODUCTION APPLICATIONS)	BOCIAN	1	V2 #1
HOME VIDEO TAPE LIBRARY	KB9FO	1	V2 #1
SPECTRUM CRUNCH HDTV INTRO	KB9FO	1	V2 #1
UNIVERSAL HIGH DEF COMPUTER INTERFACE	N7QM	1	V2 #1
TEST AND MEASUREMENT USING STATISTICS (PART 1)	HAYES	6	V2 #1
TEST AND MEASUREMENT USING STATISTICS (PART 2)	HAYES	2	V2 #3
TV'S RESOLUTION MAZE, FINDING YOUR WAY	ORAZIO	2	V2 #2
PREDICTING RANGE SCIENTIFICALLY (FCC METHOD)	KB9FO	3	V2 #3
ANTENNA POINTING GUIDE (COMPUTER PROGRAM)	ATVQ	1	V3 #2
TEST SIGNALS (AND COLOR TEST CHART	KB9FO	6	V3 #2
CABLE TV RFI AND QRM TO ATV (NATURE OF TV SIGNALS)	KB9FO	11	V3 #2
TV GHOST FINDER	W1NRE	1	V3 #2
VIDEO TAPE RECORDING, TECH FUNDAMENTALS	KB9FO	4	V3 #4
2C39 CAVITIES, THE REAL STORY	W4WSR	5	V4 #2
POOR MAN'S SPECTRUM ANALYZER	K7YZZ	2	V4 #3
TELEVISION FUNDAMENTALS basic TV system	KB9FO	3	V4 #3
MY WATT METER SAYS	KB9FO	2	V4 #4
SIGNAL REPORTING CHART (P-CHART) A NEW VERSION	WB0ZJP	1	V4 #4
8 PAGE PULL OUT "ATV IS FUN AND INEXPENSIVE"	KB9FO	8	V4 #4
ATV is Fun and Inexpensive			
How do I find out about ATV?			
What Frequencies are used?			
Mobile and Portable Operation			
Transmitting			
Local Information Log			
(from ATV Secrets Vol I, also available is bundles of 25 from ATVQ)			
TELEVISION FUNDAMENTALS, Waveform Monitors (scopes)	KB9FO	4	V4 #4
ASK THE DOCTOR, ALIGNMENT OF COLOR CAMERA	KB9FO	1	V5 #1
THE TRUTH ABOUT VESTIGIAL SIDEBAND and spectrum use	KB9FO	6	V5 #2
FM ATV (FM VS AM)	DJ6PI	8	V5 #3
I AM JOE'S ANTENNA	KB9FO	2	V5 #3
FM'S HOLD ON SPECTRAL REAL ESTATE	HOFFNER	4	V6 #1
SHOOTING A VIDEO	ZL1TOF	2	V6 #1
10 GHZ FOR ATV	G8KUW	2	V6 #1
NICAM DIGITAL STEREO	G8KUW	1	V6 #1
RF PATH LOSS AND C/N RATIO (computer program)	W6ORG	3	V6 #1
TESTING COAX LINES	KOLBERT	3	V6 #1
LIST OF CONSUMER EQUIPMENT MANUFACTURERS FOR RFI/TVI	ATVQ	1	V6 #1
RF POWER MEASUREMENT	W3DL	1	V6 #2
EVERYTHING YOU NEED TO KNOW ABOUT PAL	HOFFNER	3	V6 #2
10 GHZ OPERATION	G3RFL	2	V6 #4
SETTING FM VIDEO DEVIATION	WB9OQM	3	V7 #1
10 GHZ MICROSTRIP AND STRIPLINE	P5	1	V7 #2
SO YOU WANT TO BUILD AN ATV REPEATER? (FIRST OF SERIES)	WA6SVT	2	V7 #2
CHARTS OF CABLE TV AND BROADCAST TV FREQIENCIES (INTL)	KB9FO	3	V7 #2

TRANSMITTERS $15

2 METERS

10 MW BEACON TRANSMITTER	WA4ADG	1	V2 #3

440 MHz

A MODULAR ATV TRANSMITTER	DJ4LB	9	V1 #1
HETRODYNE FM TRANSMITTER	WB0ZJP	3	V2 #2
A SIMPLE, AND CHEAP LOOKIE TALKIE	KB9FO	1	V5 #1

900 MHz

900/1200 AM/FM TEST SIGNAL SOURCE	W8DMR	2	V3 #2
RABBIT DOUBLE PLAY	W1NRE	4	V3 #2
CHEAP 900 RX/TX (RABBITS)	ATVQ	1	V4 #2
913 MHZ XTAL LOW LEVEL SIGNAL SOURCE	K7YZZ	2	V4 #2
900 MHZ ATV TX	K7YZZ	2	V4 #3
900/1200 12 WATT ATV SYSTEM	KS8J	3	V5 #1
CONSTRUCTION OF 900 MHZ TRANSPOSER	ZL2TAR	3	V6 #2

1200 MHz

23 CM PLL EXCITER FOR ATV	W8DMR	3	V2 #4
source for Plessy chip for exciter	W8DMR	1	V2 #1
23 CM (1270 MHZ) AM/FM TX (CONTINUED FROM V2 #4)	W8DMR	6	V3 #2
update/correction	W8DMR	1	V3 #2
Plessy chip source	W8DMR	1	V4 #1
TVG12A FREQUENCY LOCK	WB8URI	1	V4 #1
900/1200 AM/FM TEST SIGNAL SOURCE	W8DMR	2	V3 #2
23 CM FM TX (SEVERNSIDE PRODUCT)	P5	1	V3 #3
2C39 CAVITIES, THE REAL STORY	W4WSR	5	V4 #2
900/1200 12 WATT ATV SYSTEM	KS8J	3	V5 #1
SIMPLE 24 CM FM VIDEO TRANSMITTER	VK4XRL	1	V5 #1

2300 MHz

MICROWAVE OVEN FM ATV TX	PACHOLOK	1	V2 #1
MICROWAVE OVEN FM ATV TX	W8DMR/PACHOLOK	5	V2 #2
MICROWAVE OVEN FM TX UPDATES	WA8EOY	1	V2 #3
MICROWAVE OVEN FEED LINE	ATCO	1	V3 #4
2C39 CAVITIES, THE REAL STORY	W4WSR	5	V4 #2
OSCILLATOR/MULTIPLIER CHAIN FOR 2.3 GHZ	G4DDK	6	V7 #1
23 CM ATV TRANSMITTER, SURFACE MOUNT DEVICES	HB9CIZ	10	V7 #2
SYNTHISIZED 23 CM FM TV TRANSMITTER	G4WIM	5	V7 #2

10 GHz

10 GHz FM ATV SYSTEM	KB0XC	3	V4 #2
10 GHZ FOR ATV	G8KUW	2	V6 #1
10 GHZ MICROWAVE PARTS	SHF PARTS	3	V7 #1
HIGH POWER AMPS	G8KUW	1	V7 #2

VIDEO $15

SPECTRUM CRUNCH/HDTV INTRO	KB9FO	1	V2 #1
UNIVERSAL HIGH DEF COMPUTER INTERFACE	N7QM	1	V2 #1
RADIO SHACK SEG FOR DUAL SOURCE SUPER	KD0LO	1	V2 #2
VIDEO PROCESSOR	WA6SVT	1	V2 #2
REMOTE PUSH TO LOOK	WY5V	1	V2 #3
FSTV AND THE AMIGA (TITLE GENERATOR)	KD0LO	1	V2 #3
CHROMA KEY WITH RADIO SHACK SEG	KD0LO	3	V2 #4
VIDEO DA AMPS	CQ-TV	1	V3 #1
RGB TO NTSC ENCODER	KS8J	6	V3 #2
update output circuit	W8DMR	1	V4 #1
EXTEND VCR REMOTE CONTROL	K0OV	2	V3 #2
RABBIT DOUBLE PLAY	W1NRE	4	V3 #2
STEALING SYNC AND OTHER DESPICABLE PASTIMES	KD0LO	3	V3 #3
INEXPENSIVE REMOTE CONTROL ZOOM LENS	WB4APR	1	V3 #3
SONY CAMERA WIRING	WA9JMN	1	V3 #3
VIDEO SYNC SEPARATOR	ZL1UJK	2	V3 #3
TEA2000 COLOR CODER	ZL1UJK	1	V3 #3
C-64 CALL LETTER PROGRAM	ATCO	1	V3 #4
C-64 BILLBOARD PROGRAM	N7AON	1	V4 #1
C-64 ID PROGRAM	N7AON	1	V4 31
C-64 program change to Vol 3 #4	K6YDW	1	V4 #1
VERTICAL INTERVAL TEST SIGNAL MONITOR	KD0LO	3	V4 #1
AUTO RECORDING ON VCR	K6YDW	1	V4 #1
LIONEL RAILSCOPE (CAMERA FOR ATV)	WB8ELK	3	V4 #2
VIDEO CAMERA 10 PIN CONNECTOR PIN-OUT	ATVQ	1	V4 #3
VIDEO PROC AMP AND LOW PASS FILTER	W9DUU	2	V5 #1
BUILD COLOR CORRECTOR/PROC AMP	STEVENS	9	V5 #2
MULTIMEDIA AND ATV	LAZ TECH	1	V5 #4
CONTROL ATV TX WITH CAMERA PAUSE BUTTON	N3EZD	1	V5 #4
GETTING ON ATV FOR UNDER $100	W6OAL	1	V6 #1
INSIDE THE VIDEO TOASTER	K3HKR	3	V6 #2
VGA TO NTSC, ELITE	KD0LO	2	V6 #3
PLAY PAL ON NTSC VCR	WA0POL	1	V7 #1
FM VIDEO DEVIATION, THEORY AND APPLICATION	WB9OQM	3	V7 #1
TELEPROMPTER FOR ATV	K0ROL	1	V7 #1